Amendments to the Specification

at page 7 and paragraph 2 and 3

For purposes of the present invention, "contaminated gas" or "contaminated air" means any gas or air that is contaminated with compounds that adsorb and can be oxidized by the hydroxyl radical. Additionally, the contaminant may be a gas.

According to the present invention, contaminated fluid is treated by first adsorbing ~~contaminates~~ contaminants onto a suitable non-treated sorbent and subsequently oxidizing the compounds near the surface of the sorbent. In one embodiment, contaminants are adsorbed onto activated carbon containing iron, or which has been amended with iron in solution, which concentrates contaminants from the contaminated fluid onto the reactive medium. Hydrogen peroxide or other oxidizing agent is then added, which reacts with iron to generate hydroxyl radicals which oxidize the adsorbed contaminants.